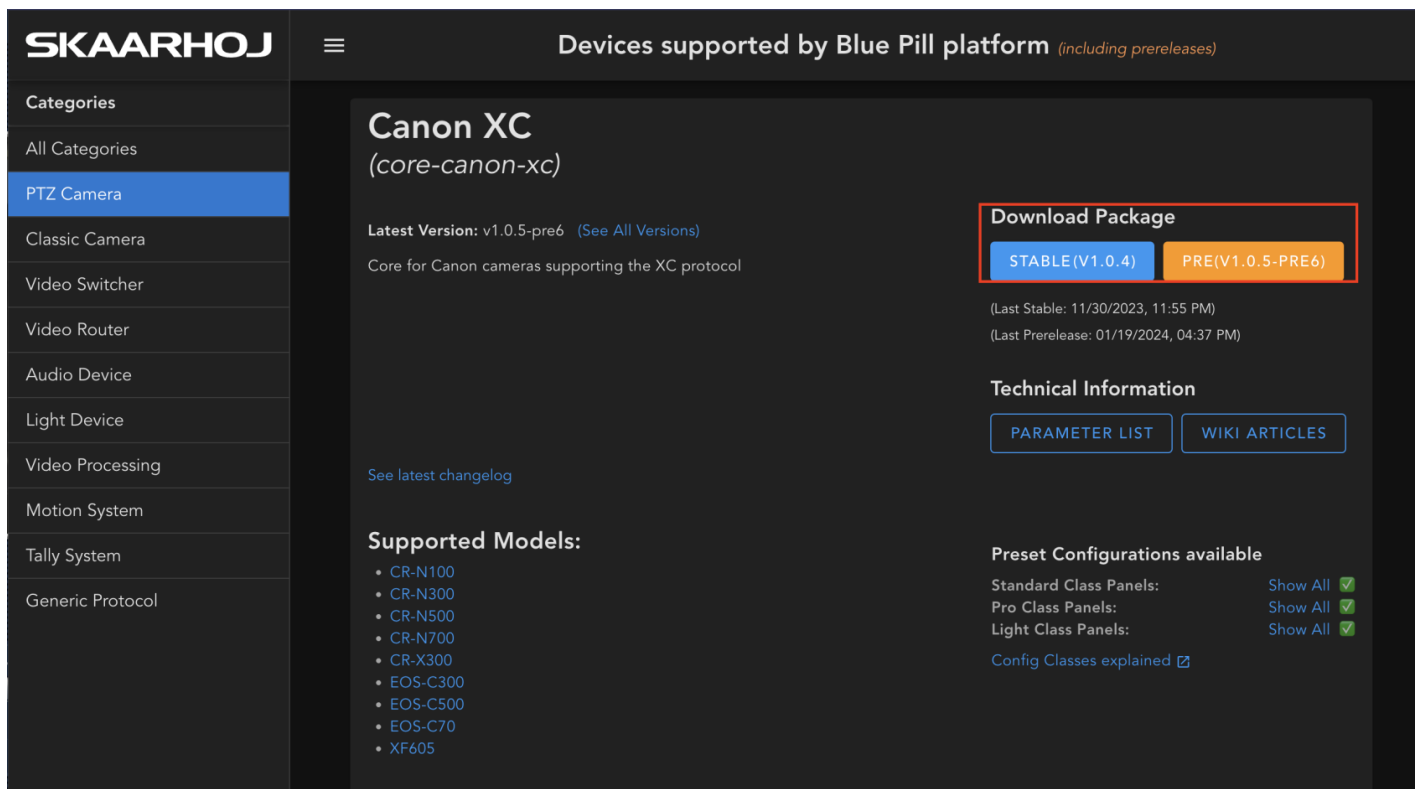


# Uploading Device Cores/Packages/OS from Offline

All device cores, packages, and SkaarOS can be loaded from offline onto the Blue Pill. The individual package files are all available at <https://devices.skaarhoj.com/> and are loaded via your Blue Pill device's web interface.

1. For connected device related device cores, on <https://devices.skaarhoj.com/>, navigate to the device you are trying to control. Click on **STABLE** or **PRE** will download the latest stable or prerelease version, as indicated in the version number within the parenthesis.



The screenshot shows the Skaarhoj website interface. On the left is a sidebar with a menu titled 'Categories' containing: All Categories, PTZ Camera (highlighted), Classic Camera, Video Switcher, Video Router, Audio Device, Light Device, Video Processing, Motion System, Tally System, and Generic Protocol. The main content area is titled 'Devices supported by Blue Pill platform (including prereleases)'. It features a section for 'Canon XC (core-canon-xc)' with the latest version 'v1.0.5-pre6' and a link to 'See All Versions'. Below this is a description: 'Core for Canon cameras supporting the XC protocol'. To the right, there's a 'Download Package' section with two buttons: 'STABLE (V1.0.4)' and 'PRE (V1.0.5-PRE6)'. Below the buttons, it shows the last stable release date (11/30/2023, 11:55 PM) and the last prerelease date (01/19/2024, 04:37 PM). Further down is a 'Technical Information' section with links for 'PARAMETER LIST' and 'WIKI ARTICLES'. At the bottom, there's a 'Supported Models:' list including CR-N100, CR-N300, CR-N500, CR-N700, CR-X300, EOS-C300, EOS-C500, EOS-C70, and XF605. To the right of the models list is a 'Preset Configurations available' section showing 'Standard Class Panels', 'Pro Class Panels', and 'Light Class Panels', each with a 'Show All' link and a green checkmark. A link 'Config Classes explained' is also present.

2. To download the core packages and OS that make the Blue Pill work, select **Other Packages** at the top of the page.

SKAARHOJ

Devices supported by Blue Pill platform (including prereleases)

Categories

All Categories

PTZ Camera

Classic Camera

Video Switcher

Video Router

Audio Device

Light Device

Video Processing

Motion System

Tally System

Generic Protocol

DEVICES









DEVICE CORES

PANELS

Show Prereleases ?

Other Packages

Search for device

Image	Name	Package	Description	Parameters	Show supported panels
	ColorBox	core-aja-colorbox	AJA ColorBox	SUPPORTED PARAMETER LIST	SHOW PANELS
	Aja Helo	core-aja-helo	The Aja Helo model.	SUPPORTED PARAMETER LIST	SHOW PANELS
	Aja Helo (Advance)	core-aja-helo	The advance Aja Helo model. This will auto generate all parameters from the device file. Use this with caution, as these parameters might not have full support.	SUPPORTED PARAMETER LIST	SHOW PANELS
	KUMO 1604	core-aja-kumo	AJA KUMO 16 input, 4 output router	SUPPORTED PARAMETER LIST	SHOW PANELS
	KUMO 1616	core-aja-kumo	AJA KUMO 16 input, 16 output router	SUPPORTED PARAMETER LIST	SHOW PANELS
	KUMO 3232	core-aja-kumo	AJA KUMO 32 input, 32 output router	SUPPORTED PARAMETER LIST	SHOW PANELS
	KUMO 6464	core-aja-kumo	AJA KUMO 64 input, 64 output router	SUPPORTED PARAMETER LIST	SHOW PANELS
	Dlive	core-allenheath-dlive	Connect to a DLive Mixrack or Director software. At the moment it works best when connected to Director.	SUPPORTED PARAMETER LIST	SHOW PANELS

Both the latest prerelease and stable release are available as options.

SKAARHOJ

☰

Devices supported by Blue Pill platform (including prereleases)

Categories

All Categories

PTZ Camera

Classic Camera

Video Switcher

Video Router

Audio Device

Light Device

Video Processing

Motion System

Tally System

Generic Protocol

Other Packages

Here you can find the most important packages for your BluePill. These can be downloaded and uploaded to the BluePill via the 'Packages' tab

Package: reactor

Reactor is the main package on every Blue Pill and Blue Pill inside device. It manages your configurations and connects panels to devices

Download:

PRE

STABLE

ALL VERSIONS

Package: system-manager

The system-manager powers the packages and settings page of your device. It is essentially the backbone of your blue pill

Download:

PRE

STABLE

ALL VERSIONS

Package: hardware-manager

The hardware-manager takes care of ingesting all button or fader interactions and filling all your displays on your device

Download:

PRE

STABLE

Package: devicecore-connector

In some usecases devicecores running on a bluepill need to be shared with other devices on the network. This is done by the devicecore-connector

Download:

PRE

STABLE

ALL VERSIONS

skaarOS

skaarOS is the operating system of your BluePill and BluePillInside devices. It can be updated by uploading the .raucb file via the 'Packages' tab

Download:

PRE

STABLE

BACK TO OVERVIEW

The specific version will be in the file name.

The screenshot shows a macOS Finder window titled 'Downloads'. On the left sidebar, 'Favorites' includes 'Downloads'. The main pane displays a table of files:

Name	Size	Kind	Date Added
reactor.1.0.3-pre9.arm64.ipks	25,8 MB	Document	Today at 2.28 PM

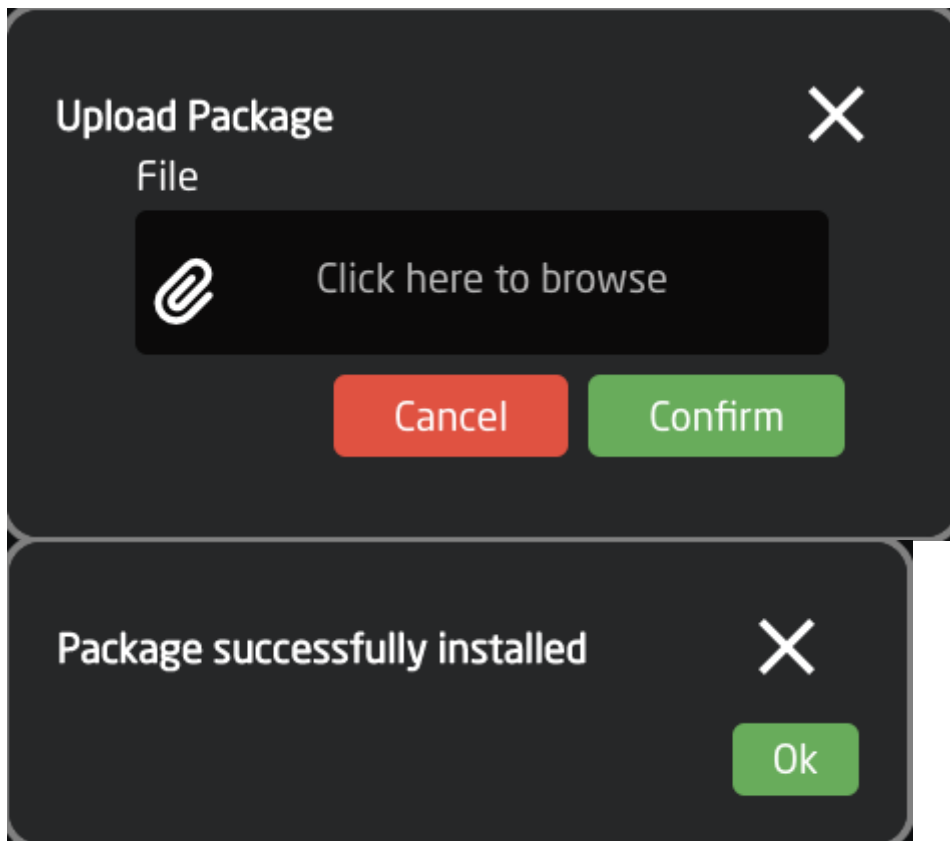
3. All of the packages are loaded onto the Blue Pill or Blue Pill Inside device via the Packages page.

The screenshot shows the Skaarhoj web interface navigation bar. The tabs are: System, Home, Configuration (beta), Simulator, Packages, Settings, and Device: bluepill. The 'Packages' tab is highlighted with a red box.

At the very bottom is an option to **Upload and Install Package**

The screenshot shows a dark modal dialog with the text 'Want to install a package manually?' and a prominent green button labeled 'Upload and install package'.

Then select the package from your computer for uploading. All packages will be **.ipks** files except for SkaarOS which will be a **.raucb** file. If the file names do not have the proper file type extension please and therefor fail to load, please contact [support@skaarhoj.com](mailto:support@skaarhoj.com)



Please note: Blue Pill devices running Skaar OS v0.11 or earlier and/or init v0.1.23 or earlier may have trouble loading packages from offline. Please contact support if you experience any difficulty.

Revision #2

Created 4 July 2022 13:15:43 by Heather Pedersen

Updated 6 February 2024 10:48:31 by Heather Pedersen